के द्वारा पृथक मानक तैयार करना ।

—लागत प्रभावी प्रौद्योगिकियों के प्रदर्शन और विस्तार के लिए निर्मिति केन्द्रों की केन्द्रीय योजना का संचालन और स्थानीय स्तर पर नवीन कम लागत की प्रौद्योगिकी में कारीगरों को प्रशिक्षण ।

—कम लाग की प्रौद्योगिकी को प्रयोग करते हुए प्रदर्शन-आवास के निर्माण के लिए सहायता ।

—प्रौद्योगिकी प्रयोग अन्तरण के लिए अनुसंधान और विकास संगठनों को सहायता ।

—लागत प्रभावी प्रौद्योगिकी के बड़े पैमाने पर उपयोग के लिए सुदृढ़ व्यवस्थाएं तथा कम लागत की नवीनतम सामग्रियों तथा घटकों के उत्पादन का वाणिज्यिकरण ।

—लागत प्रभावी तथा नवीनतम भवन निर्माण सामग्रियों और प्रौद्योगिकियों विशेषतया उड़न राख, फास्फो-जिप्सम तथा लाल मिट्टी जैसे औद्योगिक अपशिष्टों के उत्पादन तथा इन्हें अपनाने के लिए वित्तीय रियायतों की व्यवस्था ।

—कम लागत की सामाग्रियों के वाणिज्यिक उत्पादन एककों की स्थापना हेतु सांस्थानिक वित्त की व्यवस्था करना ।

—हुडको, राष्ट्रीय आवास बैंक आदि जैसे आवास वित्त संस्थानों द्वारा वित्त पोषित आवास योजनाओं में लागत प्रभावी प्रौद्योगिकियों को प्रोत्साहित करना ।

Housing shortage in the country

1552. SHRI KAMAL MORARKA : Will the Minister of URBAN DEVELOPMENT be pleased to state :

(a) the housing shortage at the end of each plan period in the country ;

(b) the share of investment in the housing sector in each plan ; and

(c) the projected requirement of funds to meet the shortage of housing in the Eighth Five Year Plan ?

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT (SHRI M. ARUNACHALAM) : (a) The information regarding housing shortage at the end of each plan period is not available. However, as per National Building Organisations estimates, the housing shortage is as under for different years, as on 1st March.

(in million)

Years	Housing Shortage
1981	23.3
1985	26.0
1990	30.3
1996	35.9

(b) The housing investment during different Five Year Plans and its percentage to total investment in economy is estimated as under :—

Housing investment during different Five Year Plans

(Rs. in Crores)

Sector Plan period	First Plan (1951–56)	Second Plan (1956–61)	Third Plan (1961–66)	Fourth Plan (1969–74)	Fifth Plan (1974–78)	Sixth Plan (1980–85)	Seventh Plan (1985–90)
(i) Public Sector	250	300	425	625	796	1,491	2,458
(ii) Private Sector	900	1,000	1,125	2,175	3,640	18,000	29,000
Total (item I & II)	1,150	1,300	1,550	2,800	4,436	19,491	31,458
Percentage of total investment in economy	34	19	15	12	9	12	10

(c) It has been estimated that in order to meet the housing requirement during 8th Five Year Plan an investment of Rs. 77,496 crores at 1990 prices would be required in the Public and Private Sector.

Increasing of urban population

1553. SHRI MURLIDHAR CHANDRAKANT BHANDARE : Will the Minister of URBAN DEVELOPMENT be pleased to state :

(a) whether it is a fact that urban population of the country had increased from 109 million in 1971 to 217 millon in 1991 ;

(b) if so, whether any Action Plan has been or is being formulated to deal with the problem of growing urbanisation, if so, the details in this regard ; and

(c) whether the Action Plan is proposed to be launched as a part of the Eighth Five Year Plan, if so, by when ?

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT (SHRI M. ARUNACHALAM) (a) Yes Sir.

(b) and (c) Urban Development is primarily the responsibility of the State Government/Union Territory Administration. The Central Government plays only a catalytic/nodal role. The programmes undertaken so far keeping in view the rapid urbanisation and its serious impact on economy, environment and society, include efforts on reduction of migration of population from rural areas to major urban areas through the scheme of Integrated Development of Small and Medium Towns, removal of poverty and creation of jobs for urban poor through the Nehru Rojgar Yojana. Provision of social Services through the scheme of Urban Basic Service for the poor, improvement in the living conditions in urban slums through the scheme of environmental Improvement of Urban Slums (EIUS) by provision of basic physical amenities in Urban Slums etc. These Centrally sponsored schemes and State Sector Scheme of EIUS are likely to continue in the 8th Plan which is yet to be finalised. Housing and Urban Development Corporation (HUDCO) is also giving loans for implementation of housing and urban infrastructure schemes. The operation of HUDCO would be further expanded and strengthened in the 8th Plan period.

Water supply in the Capital

1554. SHRI MURLIDHAR CHANDRAKANT BHANDARE : Will the Minister of URBAN DEVELOPMENT be pleased to state :

(a) whether it is a fact that the capital was facing prospect of acute water scarcity towards the end of March and beginning of April, 1992, in view of the likely disruption of supply from Bhakra which required immediate repairs ; and

(b) if so, what steps have been taken to meet the situation ?

THE MINISTER OF STATE IN THE MINISTRY OF URBAN DEVELOPMENT (SHRI M. ARUNACHALAM) : (a) and (b) Bhakra Main line and Narwana Branch were closed for repairs from 3rd to 20th April, 1992. During the period of closure, the Government of Haryana and U.P. had agreed to supply 500 and 250 cusecs of water respectively. The Delhi Water Supply and Sewage Disposal Undertaking has also reported that they had imposed a voluntary 20% cut in the supply of water by rationalising the supply system to maintain the reservoirs at the maximum level.

Installation of maters in residential colony of Provident Fund Employees

1555. SHRI SUBRAMANIAN SWAMY: Will the Minister of URBAN DEVELOPMENT be pleased to refer to the answer to Unstarred Question 4292 given in the Rajya Sabha on the 27th March, 1992 and state :

(a) whether the CPWD has been given instructions to install suitable meters in PF Colony, which can sustain the load of Air conditioners ;